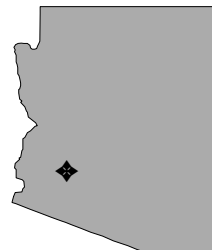


Size: 84 acres
Mission: Provide Air National Guard training
HRS Score: 57.86; placed on NPL in September 1983
IAG Status: Federal Facility Agreement signed in October 1994
Contaminants: TCE, tetrachloroethene, chromium, petroleum hydrocarbons, and petroleum/oil/lubricants
Media Affected: Groundwater and soil
Funding to Date: \$8.0 million
Estimated Cost to Completion (Completion Year): \$13.6 million (FY2022)
Final Remedy in Place or Response Complete Date for All Sites: FY1997



Tucson, Arizona

Restoration Background

Environmental studies at Tucson International Airport have identified eight sites, including fire training areas, solvent dumping areas, storm drainage discharge areas, the old wash rack area, petroleum/oil/lubricant areas, and spill areas. Waste disposal and spill sites have had the greatest effect on the environment. The principal contaminant is trichloroethene (TCE) in groundwater. Tetrachloroethene and chromium also have affected groundwater, but to a lesser extent. In addition, total petroleum hydrocarbons have been detected in soil at the installation. In FY94, the installation finished Remedial Investigation activities for all identified sites.

The installation established successful partnerships with citizens and regulators. The Unified Community Advisory Board (UCAB) provides a forum in which citizens and organizations can discuss current environmental issues. The UCAB consists of community members; regulators; and responsible parties like Air Force Plant 44, Burr-Brown Corporation, the Airport Authority/City of Tucson, West Cap Industries (defunct), and the Air National Guard. Representatives of regulatory agencies, the State of Arizona, Pima County, and the City of Tucson, and leaders of community groups regularly attend meetings of the board.

In FY97, the installation complied with the Federal Facility Agreement and reevaluated all sites through the Relative Risk Site Evaluation process. A Record of Decision was completed for the cleanup of contaminated soil. The installation also finished construction of a permanent groundwater extraction, treatment, and recharge system to clean up contaminated groundwater. The groundwater extraction and treatment system for Sites FT01, SD03 and SS02, 04-08, and the soil vapor extraction and treatment system at Site SS05 started up and operated continuously in FY97.

FY98 Restoration Progress

The groundwater extraction and treatment system has operated continuously since FY97. The soil vapor extraction and treatment system at Site SS05 accomplished its mission by reducing contaminant concentration in soil vapor to levels that have negligible impact on groundwater. Restoration Advisory Board activities with UCAB have been successful, as have continuing partnering efforts with regulatory agencies.

Plan of Action

- In FY99, continue partnership with EPA Region 9 and the Arizona Department of Environmental Quality
- Continue operating the groundwater extraction and treatment system
- Continue participation in UCAB

FY99 FUNDING BY PHASE AND RELATIVE RISK

